

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14613

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07H17/08 A61K31/70 A61P33/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TSUKAMOTO, YOSHIHISA ET AL: "Avermectin chemistry and action: ester- and ether-type candidate photoaffinity probes" BIOORGANIC & MEDICINAL CHEMISTRY (2000), 8(1), 19-26 , 2000, XP002280644 figure 1	1,2
X	SHOOP, W. L. ET AL: "Efficacy in sheep and pharmacokinetics in cattle that led to the selection of eprinomectin as a topical endectocide for cattle" INTERNATIONAL JOURNAL FOR PARASITOLOGY (1996), 26(11), 1227-1235 , 1996, XP002280645 table 1	1,2,6,7
Y	—	1-7

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

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\*&\* document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

17 May 2004

02/06/2004

Name and mailing address of the ISA  
 European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax (+31-70) 340-3016

Authorized officer

Bardilli, W

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JONES, TODD K. ET AL: "Synthesis and Biological Activity of 4a,4"-Disubstituted Avermectins" JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY (1994), 42(8), 1786-90 , 1994, XP002280646 table 1 ---	1-7
Y	EP 0 519 731 A (MERCK & CO INC) 23 December 1992 (1992-12-23) the whole document ---	1-7
Y	EP 0 456 509 A (MERCK & CO INC) 13 November 1991 (1991-11-13) the whole document ---	1-7

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
EP 0519731	A	23-12-1992	US 5262400 A AT 162796 T AU 650143 B2 AU 1844892 A CA 2071803 A1 DE 69224234 D1 DE 69224234 T2 EP 0519731 A1 ES 2112300 T3 IE 922005 A1 JP 2110113 C JP 5255342 A JP 8009623 B NZ 243153 A ZA 9204525 A	16-11-1993 15-02-1998 09-06-1994 24-12-1992 21-12-1992 05-03-1998 20-08-1998 23-12-1992 01-04-1998 30-12-1992 21-11-1996 05-10-1993 31-01-1996 26-08-1994 24-02-1993
EP 0456509	A	13-11-1991	US 5169839 A AU 7638391 A CA 2041762 A1 EP 0456509 A1 JP 5070476 A ZA 9103536 A	08-12-1992 19-12-1991 12-11-1991 13-11-1991 23-03-1993 26-02-1992